

## Fata Morgana

by Arya Akhavan (September 2013)

Angles for R.I. = 1.780

28 + 6 girdles = 34 facets

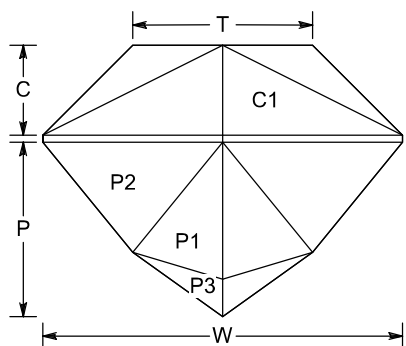
3-fold, mirror-image symmetry

96 index

L/W = 1.155 T/W = 0.500 U/W = 0.433

P/W = 0.483 C/W = 0.250

Vol./W<sup>3</sup> = 0.295



## PAVILION

P1 42.80° 05-27-37-59-69-91 Cut to centerpoint.

G1 90.00° 08-24-40-56-72-88 Set stone size.

P2 50.69° 08-24-40-56-72-88 Level girdle.

P3 37.88° 06-26-38-58-70-90 Meet P1, P2

## CROWN

C1 45.00° 08-24-40-56-72-88 Set girdle width.

C2 30.00° 16-48-80 Meet G1, C1

T 0.00° Table Meet C1, C2

This design is one step up from my "Mirage" design. The reflection pattern is so complex and mirage-like that it's almost difficult to follow with the eye, so I named it after the most complex type of ocean mirage. Works in materials from pyrope to CZ (RI = 1.72 - 2.16) with no changes, but I prefer it in Mali grossular-andradite.

Suggested size = 6-15 mm

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